

CLAIMS

What is Claimed is:

1. A packaging system, comprising:

a plurality of disposable cleaning heads, each of said plurality of cleaning heads
5 having a maximum planar dimension and including at least one cleaning substrate and a
one-piece flexible fitment, said fitment including an engagement member adapted to
removably engage a handle; and

a shell having a bottom and a top, said top being hingedly connected to said bottom
whereby said shell has an open position and a closed position, said bottom including a first
10 cavity adapted to receive at least a first disposable cleaning head of said plurality of
cleaning heads, said top including a second cavity adapted to receive at least a second
disposable cleaning head of said plurality of cleaning heads.

2. The packaging system of Claim 1, wherein said receipt of said first
disposable cleaning head in said first cavity and said second disposable cleaning head in
15 said second cavity comprises an interference fit.

3. The packaging system of Claim 2, wherein said interference fit is in the
range of approximately 0.05 – 0.50 in.

4. The packaging system of Claim 3, wherein said interference fit is in the
range of approximately 0.10 – 0.30 in.

20 5. The packaging system of Claim 1, wherein said first cavity includes at least
a first pair of interference tabs and said second cavity includes at least a second pair of
interference tabs, each of said first and second pairs of interference tabs including an
engagement face, said first pair of interference tabs being positioned in said first cavity
whereby said first disposable cleaning head is engaged at opposing positions proximate a
25 planar axis of said first disposable cleaning head, said second pair of interference tabs
being positioned in said second cavity whereby said second disposable cleaning head is
engaged at opposing positions proximate a planar axis of said second disposable cleaning
head.

6. The packaging system of Claim 5, wherein said engagement faces of said
30 first and second pairs of interference tabs include a textured surface.

7. The packaging system of Claim 1, wherein said first and second cavities are
disposed in said shell bottom and top in an offset orientation, whereby said packaging

system can be placed in said closed position with said first and second disposable cleaning heads disposed therein.

8. The packaging system of Claim 7, wherein said offset comprises in the range of approximately 25 – 45% of said maximum planar dimension of said first and second cleaning heads.

9. The packaging system of Claim 1, wherein said first cavity is adapted to receive at least three of said plurality of cleaning heads.

10. The packaging system of Claim 1, wherein said second cavity is adapted to receive at least three of said plurality of cleaning heads.

11. The packaging system of Claim 1, wherein said shell comprises a material selected from the group consisting of polyethylene terephthalate, polypropylene, polyethylene, polycarbonate, polyamides, polyvinylchloride and polystyrene.

12. The packaging system of Claim 1, wherein said cleaning substrate comprises a substrate selected from the group consisting of a sponge and scrim.

13. The packaging system of Claim 1, wherein said cleaning substrate comprises a sponge and scrim.

14. A container for a cleaning system, the cleaning system having at least one cleaning head adapted to clean a toilet bowl, comprising:

a plurality of disposable cleaning heads, each of said plurality of cleaning heads having a maximum planar dimension and including at least one cleaning substrate and a one-piece flexible fitment, said fitment including an engagement member adapted to removably engage a handle; and

a shell having a bottom and a top, said top being hingedly connected to said bottom whereby said shell has an open position and a closed position, said bottom including a first cavity adapted to receive at least a first disposable cleaning head of said plurality of cleaning heads, said top including a second cavity adapted to receive at least a second disposable cleaning head of said plurality of cleaning heads,

wherein said receipt of said first disposable cleaning head in said first cavity and said second disposable cleaning head in said second cavity comprises an interference fit, whereby each of said first and second disposable cleaning heads is readily accessible to engage said handle when said shell is in said open position without the necessity of direct user contact with said first or second disposable cleaning heads.

15. A container for a cleaning system, the cleaning system having at least one cleaning head adapted to clean a toilet bowl, comprising:

a first plurality of disposable cleaning heads, each of said first plurality of cleaning heads having a maximum planar dimension and including at least one cleaning substrate having a bottom surface and a one-piece flexible fitment, said fitment including an engagement member adapted to removably engage a handle; and

5 a shell having a bottom and a top, said top being hingedly connected to said bottom whereby said shell has an open position and a closed position, said bottom including a first cavity adapted to receive a second plurality of disposable cleaning heads of said first plurality of cleaning heads, said top including a second cavity adapted to receive a third plurality of disposable cleaning heads of said first plurality of cleaning heads, said first
10 plurality of cleaning heads being oriented in said first cavity whereby said cleaning substrate bottom surfaces of said first plurality of cleaning heads are disposed on substantially coincident planes, said second plurality of cleaning heads being oriented in said second cavity whereby said cleaning substrate bottom surfaces of said second plurality of cleaning heads are disposed on substantially coincident planes,

15 wherein said receipt of said first disposable cleaning head in said first cavity and said second disposable cleaning head in said second cavity comprises an interference fit, whereby each of said first and second plurality of cleaning heads is readily accessible to engage said handle when said shell is in said open position without the necessity of direct user contact with any of said first and second plurality of cleaning heads.

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